Table of Contents

Camcorder And Accessories

Please confirm the accessories as follows before using the product:

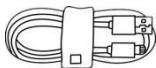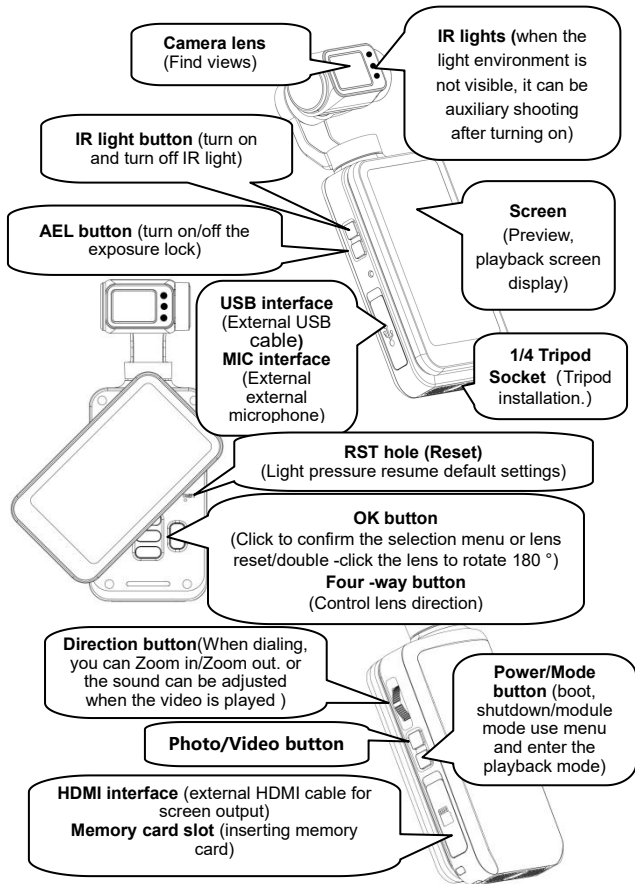◆ Camcorder   ◆ sling

◆ USB cable

◆ Manual

●Neither the camera nor the remote control supports any waterproof,
  please stay away from the water source.
●The camcorder has no internal memory, so you need to insert a
  memory card before using it.

Components Guide

Camera lens (Find views)

IR lights (when the light environment is not visible, it can be auxiliary shooting after turning on)

IR light button (turn on and turn off IR light)

AEL button (turn on/off the exposure lock)

Screen (Preview, playback screen display)

USB interface (External USB cable)
MIC interface (External external microphone)

1/4 Tripod Socket (Tripod installation.)

RST hole (Reset) (Light pressure resume default settings)

OK button (Click to confirm the selection menu or lens reset/double -click the lens to rotate 180 °)
Four -way button (Control lens direction)

Direction button(When dialing, you can Zoom in/Zoom out. or the sound can be adjusted when the video is played)

Power/Mode button (boot, shutdown/module mode use menu and enter the playback mode)

Photo/Video button

HDMI interface (external HDMI cable for screen output)
Memory card slot (inserting memory card)

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Charging The Camcorder

When the battery is low, the icon 〖 ▮▮ 〗 will be shown on the screen and the camera will automatically power off.

Charging the camcorder

★ Required charging time about 2.5 hours.

Caution

- ●Don't use any USB cable other than the accessories to avoid faults, overheating, or accidents like fire, electric shock.
- ●If charging is performed by connecting a computer, it cannot be guaranteed that the product is recharged continuously if the computer is in standby status.
- ●If a charger is used, it must be a domestic regular one of 5V/2A.
- ●Do not place the space extrusion when the camera is charged, such as the camera's optional storage bag.
- ●In case the red indicator is off and charging cannot be performed, the possible causes are as follows:
- ❶The USB cable is not properly connected or the charger fails to reach required standards. You may reconnect the cable or replace the charger.
- ❷The battery is old or abnormal.

Using a Memory Card

● **Memory Card Standard**

❶ The product is compatible with micro SDXC and micro SDHC memory cards.

❷ The maximum capacity is 256GB（U3）.

❸ Writing speed reaches 90/s

● **Inserting/Removing A Memory Card**

❶ Confirm the camcorder is switched off.

❷ Inserting: According to the Components Guide, open the memory card slot. Confirm the direction of the memory card and insert it straightly. It is properly inserted after a 『click』 sound is heard.

❸ Removing: Gently press the memory card edge to automatically eject and remove it.

● **Formatting A Memory Card**

When the camera uses the memory card for the first time, please perform formatting on the camera.

Caution

● All the files stored in the memory card will be deleted after it is formatted to match the usage structure of the camcorder.

● Do not remove the memory card while formatting and operation.

● When a memory card used by any other device is used for the camcorder for the first time, it must be formatted on the camcorder.

● A U3 256GB memory card is recommended, and any memory card below U3 may not function properly.
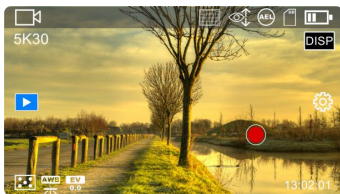
◆ **Mode Menu**

|		
▭◪	Video	In this mode, the camera will record and save the desired video in a HD/SD format.
▽◪	Slow Motion	In this mode, the camera will record and save the desired video in an optional resolution and slow-motion rate format.
∞◪	Loop Record	In this mode, the camera will automatically record the desired video in segments with an optional fixed time and overwrite the earliest files when the memory card is full.

⊙◄	Time-Lapse Video	In this mode, the camera will compress the video recorded within minutes, hours or even a whole day into a short time and save it as a video file. This function is usually used to record the scenes with slow changes, such as the blooming process.
⊙	Photo	In this mode, the camera will shoot and save the desired photo in a HD/SD format.
⟳	Self Timer	This mode is usually used for selfies.
⛶	Photo Burst	This mode is usually used for continuous photo shooting.
⊙⊙	Time-Lapse Photo	This mode is usually used for automatic continuous photo shooting with time intervals.

Caution

●The left and right sliding screen can switch between the 『Photo』 mode and the 『Video』 mode, but excluding other modes.

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● **Video Recording Operation**

Adjust the target of the shooting, hold the 『Video/Photo Button 🔘 』
or click 『Screen Shooting 🔴 』 for video.
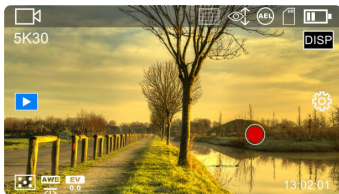
★ You can use the following buttons during the video process:

IR	IR button	when the light environment is not visible, it can be auxiliary shooting after turning on.
AEL	AEL button	turn on/off the exposure lock.
◁‖∑‖▷	Direction button	Zoom in/Zoom out.
DISP	DISP button	Screen display switching.
⏻	Power/Mode button	Recording pause.

● **Video Function Menu**
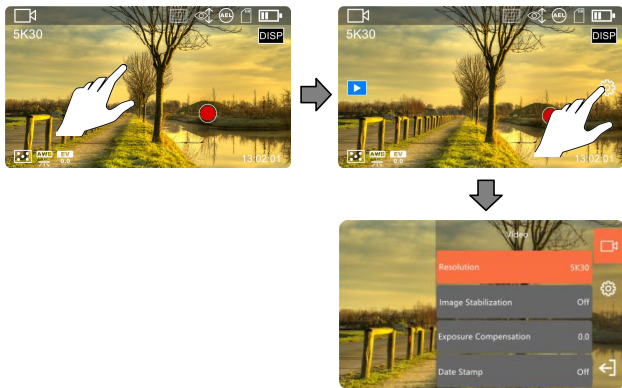
In the Preview, click the blank on the screen and then the 『⚙️』 icon on the right to call out the menu list, then click 『←』 to exit the menu list.

Resolution	Select the resolution of the video.
Resolution And Rate	When using the Slow Motion mode, select the resolution of the video and the multiple of the slow movement.
Video File Length	When using a Loop Record mode, select the length of the video for a period of time.
Interval	When using a Time-Lapse Video mode, select the time interval between each frame of the video.
Duration	When using a Time-Lapse Video mode, the video of the video is durable.
Exposure	Adjust the exposure of the screen.

Compensation	
Date Stamp	On/ off the video Date Stamp .
Pre-Record	Turn on/off 5 seconds pre -recording.
Metering	Select the method of metering.
White Balance	Select the method of White Balance.
WDR	Turn on/off Wide Dynamic Range.
LDC	Turn on/off Lens Distortion Correction

Caution

● Do not enter the function menu during the video.

● If the memory card is full, the screen will display the 『insufficient space』 prompt, and the recording will be automatically ended at the same time picture. At this time, you need to replace a new memory card or delete files in this memory card to continue to video or take pictures.

● If it is in the low -illumination environment of no visible light or visible light, the 『Exposure Compensation』 function will be invalid.

● Use 『Slow Motion』and 『Time-Lapse Video』mode recording process does not support suspension of video.

● **Photo Shooting Operation**

Select and adjust the target to be shot as per the image displayed on

the screen, then hold the camera steady and press the 『Video/Photo

Button 〇 』 or click 『Screen Shooting ◯ 』 to start photo shooting.

IR	IR button	when the light environment is not visible, it can be auxiliary shooting after turning on.
AEL	AEL button	turn on/off the exposure lock.
◁‖∑‖▷	Direction button	Zoom in/Zoom out.
DISP	DISP button	Screen display switching.

● Photo Function Menu
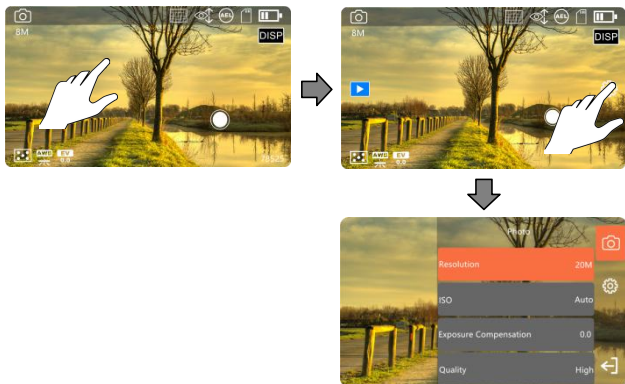
In the Preview, click the blank on the screen and then the 〖⚙〗 icon on the right to call out the menu list, then click 〖←〗 to exit the menu list.

Resolution	Select the resolution of the photo.
Self Timer	Select waiting time when selfie.
Photo Burst	Select the number of photos taken continuously.
Interval	Select the interval between each photo during the continuous shooting.
Duration	Select the duration of continuous shooting.
Photo Ratio	Set the proportion of photos.
ISO	Set the ISO sensitivity.
Exposure	Adjust the exposure of the screen.

Compensation	
Quality	Set the quality of the photo.
Date Stamp	On/ off the photo Date Stamp.
Long Exposure	Set the exposure duration of the long exposure.
Metering	Select the method of metering.
White Balance	Select the method of White Balance.
WDR	Turn on/off Wide Dynamic Range.
LDC	Turn on/off Lens Distortion Correction.

Caution

● If the memory card is full, the screen will display the 『insufficient space』 prompt. At this time, you need to replace a new memory card or delete files in this memory card to continue to take pictures.

● The higher the resolution of the setting, the greater the shooting file, the more storage space occupied,The lower the resolution, the smaller the file, the less the storage space occupied.

● When the 『Duration』 of the 『Time-Lapse Photo』 function is set to 『Unlimited』, you need to press the『Video/Photo button 〇』recipe again after starting to take pictures, otherwise the photo will be taken until the memory card is over.

PlayBack

● **Photo And Video PlayBack**
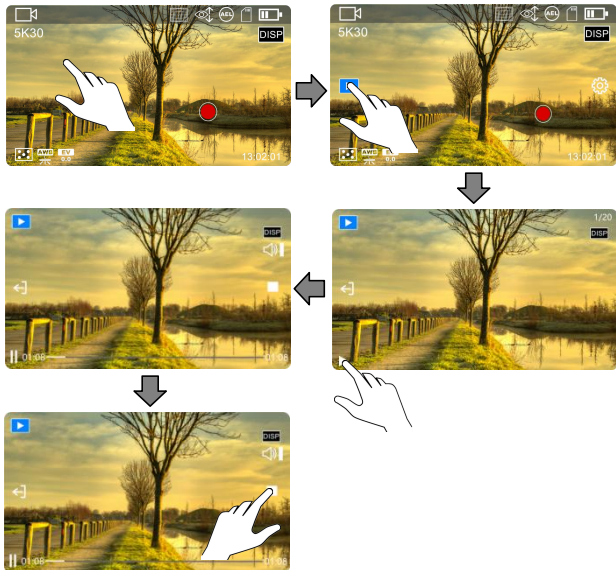
DISP	DISP Button	Switch the detailed information of the full screen preview or display the preview file.
◁II ΣII▷	Direction button	Adjust the sound of video playback.

System Settings
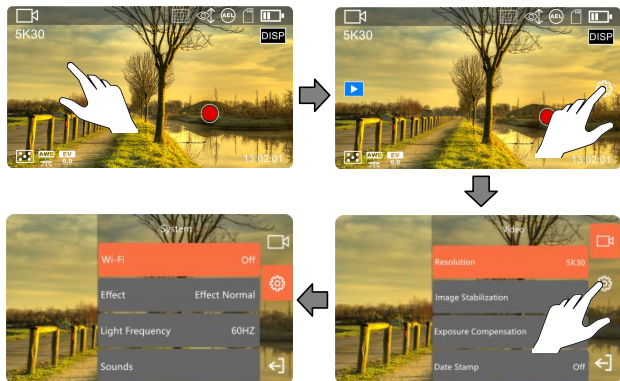
In the Preview, click the blank on the screen and then the 『⚙』 icon on the right to call out the menu list, then click 『←』 to exit the menu list.

Wi-Fi	Turn on/off WiFi.
Effect	Set special effects.
Light Frequency	Set the frequency of light sources of the environment to avoid flicker in the light environment.
Sounds	Set the sound switch and height of the operation of the shutter, boot or button.
Mic	Set the recording sensitivity of the microphone during the video.

Date&Time Setup	Customize the time and date of the system.
Time Style	Select the display type of time & date.
Screen Brightness	Adjust the brightness of the display.
Auto Power Off	Set automatic shutdown time.
Screen Saver	Set the time before the automatic screen.
Screen shooting	Turn on/off the shooting key in the screen.
PTZ Mode	Select the PTZ mode of gimbal anti -shake.
PTZ Speed	Set the speed of the gimbal anti -shake PTZ mode.
Face tracking	Turn on/off the face lock tracking.
Language	Set the language .
Format Card	Formats memory card.
Factory Reset	Restore all default settings values.
Version	Software version number in the current camera.

Connecting To the Computer
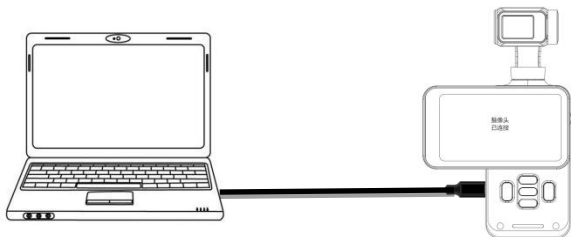
❶ Insert a memory card properly, press the 『Power/Mode Button 🔘』 to power on the camera and enter the standby status.

❷ Use the attached USB cable to connect the camera and computer in turn, and then the camera pops up the function list..

❸ Select 『MDSC』 or 『PC Camera』 .

Caution

- ●When connecting it to a computer, use the rear USB port of the computer case to the greatest extent to avoid that the power supply for the front USB port is insufficient.
- ●Exit any antivirus programs when connecting it to a computer to avoid killing the drive program for the camcorder.
- ●The function is compatible with Windows 11/ 10/8.1/8/7/VISTA/XP and Mac systems.

APP

● **Download And Install The App**

The steps to install the App 『OD Cam』 are as follows:

❶ Android users may search 『OD Cam』 in Google Play to download and install it.

❷ iOS users may search 『OD Cam』 in APP Store to download and install it.

❸ Besides, the App can be downloaded by scanning the QR code below via a browser.

Caution

●For Android users, please select 『Yes』 for all possible questions like 『Allow the App to obtain the permission?』.

- **Connect Wi-Fi**

SSID:M5-xxxxx
Password:12345678
Waiting For Wi-Fi Connection

MENU   Exit

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❶ Enter the file preview , click the blank area of the screen and then click the icon 『⚙』 that pops up from the right side of the screen to call out the function list. Click the icon 『⚙』 in the list once again to enter the System Settings.

❷ Click the 『Wi-Fi』 function to choose on and enter the waiting connection interface.

❸ Go to the 『Settings』 in your phone and enable Wi-Fi.

❹ Enter the Wi-Fi name for the camcorder (Default name: M3-xxxxx).

❺ Enter the Wi-Fi password (Default password: 12345678) for a successful connection.

❻ Open the App 『OD Cam』 and click the 『Connecting device』 to enter the main interface of the APP.

Caution

● The Wi-Fi function is point-to-point wireless connection within effective distance. The maximum distance is about 5m. Please use the function within the effective distance.

● Because of various phone brands or configurations, the process to enter the main interface may be slow or the connection may fail. Please try the connection process again.

● In case of any failure to connect Wi-Fi:

❶ Restart the camcorder and try the above connection steps again.

❷ Confirm whether the Wi-Fi password is correct, and the default password is 12345678.

● The Wi-Fi function when it is waiting for more than one minute will automatically exit.

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FQA

Q1: Can I use it as a wireless network camera?

A1: No, you can't. It is used only by connecting to a computer via a USB cable.

Q2: A video may be automatically divided into several files. How can I combine them into one?

A2: You can combine them by using a video combiner in your computer. You may search 「Boilsoft Video Joiner」 on Google.com to download it or contact ORDRO to get the software.

Q3: Which operating systems or mobile phones is the App compatible with?

A3: The App is compatible with the following operating systems: Android: Android 5.0～15; iOS: iOS 9～17; Regardless of the systems it is compatible with, the stability of the App depends on the configurations of the phone as well as network conditions. The App is not Applicable to computers.

Q4: Why does my Android phone always fail in connecting to the App?

A4: After successfully connecting your phone to the Wi-Fi, please select 「Yes」 in case it prompts 「Wi-Fi is not connected to the Internet. Will you continue using it?」

Faults And Solution

Fault	Possible Cause and Solution
Failure to switch on	• The camcorder has low battery. Please recharge it immediately. • Check whether the operating environment temperature is within 0~40°C.
Failure to switch off	• If the ambient temperature is high or the camcorder is used for an extended period, it may have excessively high temperature. Please wait a moment or use a clip to gently press the [R] button.
Automatic shutdown	• It's normal that the camcorder automatically shuts down after standing by for three minutes. • Check whether the operating environment temperature is within 0~40°C. • If the camcorder is used for an extended period, it may have excessively high temperature. Please wait a moment and switch it on after it cools down.
Rapid battery drain	• Battery performance degrades in low temperature. Please use it after it is preheated. • The battery is not fully charged. Please recharge it. • If the situation remains, the battery has reached it service life. Please buy a new battery.
Wi-Fi signals are unstable	• The distance is too long. Please use it within 5m (effective distance). • The camcorder has low battery. Please recharge it immediately. • The wireless signals are interfered because the camcorder is placed on a metal table or stand. Keep it away from metal. • The Wi-Fi signals of the phone are weak. Please use another phone.
Failure to take	• The memory card capacity is inadequate. Please

photos/record videos	check it immediately. ●The memory card format is incorrect. Please use it after it is formatted.
Video voice is too low	●The sound equipment is poor or the volume is not properly adjusted. Please use other equipment or adjust the volume. ●The distance to the sound source is too long. Please record your videos within 5m (effective distance).
Dark or dim image effects	●The ambient brightness is too low. Please supplement lighting manually. ●The lens is not clean. Please remove the irrelevant things.

Technical Specifications

The following specifications may vary because of our performance improvement and version upgrades.

Model	ORDRO M5
Sensor	SONY 1/2.5" 8.0M starlight sensor
Aperture and focal length	F/NO 2.2 f=3.0mm
FOV	120°
Photographing distance	30cm ~ INF
File format	Video: MP4 H.264 Photo: JPEG
Video Resolution	5K30fps/4K60fps/4K30fps/2.7K60fps/2.7K30fps/ 1080P120fps/1080P60fps/1080P30fps/ 720P120fps/720P60fps/720P30fps
Photo Resolution	48M/36M/30M/20M/14M/10M/8M/5M/3M/2M
Memory medium	micro SDHC memory card/micro SDXC memory card UHS-III, 256GB (maximum)
Microphone	Built-in
Speaker	Built-in
Wireless controller	Built-in
Wi-Fi	Built-in
USB	USB 2.0

HDMI	Support
Battery	Capacity: 1450mAh Energy: 11.02Wh Named voltage: 7.6V
Computer OS	Windows XP/7/8/8.1/10/11/Mac OSX10.5 and above
Mobile OS	Android 5.0 and above; iOS 9.0 and above
Power input	DC5V/2A
Charging time	About 2.5 hours
Dimensions	L 56mm W 45mm H 157mm
Weight	219g±5
Storage environment temperature	-20 ~ 60℃
Working temperature	-0 ~ 40℃

⚠ Safety	⚠ Warning
❶ Do not use the product in case it has any damage, fault, or unusual conditions like smoke, abnormal sound, peculiar smell. ❷ Do not expose it to anywhere with high or low temperature, humidity, or strong vibration, for this may result in any fault or fire. ❸ Do not use any corrosive chemicals or solvent to clean the product. ❹ Do not disassemble, repair, or transform the product without authorization. ❺ Do not operate it for a long time while it's being charged. ❻ Do not let magnetic objects such as magnets Approach the product to avoid faults and data loss.	❶ Prevent dust or dirt from entering the slot and USB port. Promptly wipe off or remove them in case of such condition to avoid conditions like poor contact. ❷ Keep the product, accessories, and packing materials out of the reach of children to avoid possible suffocations. ❸ Do not use any USB cable other than the accessories. Use the USB cable specified only and pay attention to the followings: ・Do not damage or process the USB cable. ・Do not heat, pull, or bend the USB cable to avoid possible fire or electric shock. ❹ Do not place the space extrusion when the camera is charged, such as the camera's optional storage bag.

The pictures in the manual are for your reference only. The actual product may vary.

We reserve the ultimate power of interpretation. Any changes to the data and parameters herein may be made without further notice.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generate, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
❶ This device may not cause harmful interference, and
❷ this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FC

FCC ID:2ALYU-M5

Specific Absorption Rate (SAR) information
This device meets the government's requirements for Canada radiation exposure limits set forth for an uncontrolled environment. This device was tested for typical body-worn operations with the back of the HANDHELD CAMERA kept 0 mm from the body. To maintain compliance with FCC/ISED RF exposure requirements, use accessories that maintain an 0 mm separation distance between the user's body and the back of the HANDHELD CAMERA. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC/ISED RF exposure requirements, and should be avoided.

Informations sur le taux d'absorption spécifique (SAR)
Cet appareil répond aux exigences du gouvernement en matière de limites d'exposition aux rayonnements au Canada fixées pour un environnement non contrôlé. cet appareil a été testé pour des opérations typiques d'usure du corps avec le dos de la caméra portable à 0 mm du corps. Pour maintenir la conformité aux exigences d'exposition fcc/isé par radiofrequences, utiliser des accessoires qui maintiennent une distance de séparation de 0 mm entre le corps de l'utilisateur et l'arrière de la caméra portable. l'utilisation de clips à ceinture, de étui et d'accessoires similaires ne doit pas contenir de composants métalliques dans son assemblage. l'utilisation d'accessoires qui ne satisfont pas à ces exigences peut ne pas satisfaire aux exigences d'exposition fcc/isée par radiofrequences et doit être évitée.

ISED Statement
- English: This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device. The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).
- French: Le présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareildoit accepter tout brouillageradioélec triquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.